The 8th Edition of the Table of Isotopes

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A new edition of the *Table of Isotopes* has been published by John Wiley & Sons, Inc. This edition is the eighth in a series started by Glenn T. Seaborg in 1940. The two-volume, 3168 page, cloth-bound edition contains nuclear structure and decay data for over 3100 isotopes and isomers. Approximately 24,000 references are cited and the appendices have been extended and completely rewritten. The book is packaged with an interactive CD-ROM that contains the Table of Isotopes in Adobe Acrobat Portable Document Format for convenient viewing on PC and Macintosh personal computers and Unix workstations. The CD-ROM version contains a chart of the nuclides graphical index and separate indices organized for applied radioisotope users and nuclear structure physicists. Over 100,000 hypertext links are provided to move the user

quickly through related information free from the limitations of page size. The data are presented more completely in a form that is easy to read on any monitor. Complete references with keyword abstracts are provided. The CD-ROM also contains the Table of Superdeformed Nuclear Bands and Fission Isomers; Tables of Atoms, Atomic Nuclei, and Subatomic Particles by Ivan P. Selinov the Evaluated Nuclear Structure Data File (ENSDF) and the ENSDF Manual; the Nuclear Science Reference file (NSR); and Adobe Acrobat Reader software. The databases on the CD-ROM can be viewed with VuENSDF software provided separately. More information about the Table of Isotopes and a faxable order form can be obtained through the Table of Isotopes Internet site at http://isotopes.lbl.gov/isotopes/toi.html.

